

# Annual Index

*American Scientist*, Volume 70, 1982

## Articles and Announcements

- Archibald, J. David, & William A. Clemens. *Late Cretaceous Extinctions*, July, 377.
- Beebe, Gilbert W. *Ionizing Radiation and Health*, Jan., 35.
- Brown, Lester R. *R & D for a Sustainable Society*, Jan., 14.
- Brush, Grace S. *An Environmental Analysis of Forest Patterns*, Jan., 18.
- Cassidy, William A., & Louis A. Rancitelli. *Antarctic Meteorites*, March, 156.
- Darley, John M., & Mark P. Zanna. *Making Moral Judgments*, Sept., 515.
- Davis, Audrey B. *The Development of Anesthesia*, Sept., 522.
- Emery, Thomas. *Iron Metabolism in Humans and Plants*, Nov., 626.
- Epple, Dennis, & Lester B. Lave. *The Helium Storage Controversy: Modeling Natural Resource Supply*, May, 286.
- Ericsson, K. Anders, & William G. Chase. *Exceptional Memory*, Nov., 607.
- Folkerts, George W. *The Gulf Coast Pitcher Plant Bogs*, May, 260.
- Forster, Lyn. *Vision and Prey-Catching Strategies in Jumping Spiders*, March, 165.
- Gaillard, Mary K. *Toward a Unified Picture of Elementary Particle Interactions*, Sept., 506.
- Golomb, Solomon W. *Rubik's Cube and Quarks*, May, 257.
- Gonzales, Serge. *Host Rocks for Radioactive-Waste Disposal*, March, 191.
- Graf, Lloyd H., Jr. *Gene Transformation*, Sept., 496.
- Hammond, Norman. *The Exploration of the Maya World*, Sept., 482.
- Harvey, Ronald G. *Polycyclic Hydrocarbons and Cancer*, July, 386.
- Hitch, Charles J. *Dendrochronology and Serendipity*, May, 300.
- Hutter, Kolumban. *Glacier Flow*, Jan., 26.
- Iachello, Francesco. *Supersymmetry in Nuclei*, May, 294.
- Jaffe, C. Carl. *Medical Imaging*, Nov., 576.
- Jordan, Carl F. *Amazon Rain Forests*, July, 394.
- Kac, Mark. *Marginalia*, Nov., 633.
- Karpas, Abraham. *Viruses and Leukemia*, May, 277.
- Klingsberg, Cyrus, & James Duguid. *Isolating Radioactive Wastes*, March, 182.
- Kreisler, Michael N. *How to Make Things Move Very Fast*, Jan., 70.
- LaBarbera, Michael, & Steven Vogel. *The Design of Fluid Transport Systems in Organisms*, Jan., 54.
- Matossian, Mary K. *Ergot and the Salem Witchcraft Affair*, July, 355.
- Pais, Abraham. *How Einstein Got the Nobel Prize*, July, 358.
- Pawelek, John M., & Ann M. Körner. *Biosynthesis of Mammalian Melanin*, March, 136.
- Porter, Alan L., et al. *The Role of the Dissertation in Scientific Careers*, Sept., 475.
- Rapp, George, Jr., & John A. Gifford. *Archaeological Geology*, Jan., 45.
- Richards, Ian. *The Invisible Prime Factor*, March, 176.
- Ringwood, Ted. *Immobilization of Radioactive Wastes in SYNROC*, March, 201.
- Schoener, Thomas W. *The Controversy over Interspecific Competition*, Nov., 586.
- Sigma Xi, The Scientific Research Society National Lecturers 1982-83, Jan., 112.
- National Officers and Standing Committees, July, 446.
- 1981 Annual Meeting Report, Jan., 6.
- 1982 Annual Meeting Program, Sept., 459.
- Skinner, Brian J., & Charles A. Walker. *Radioactive Wastes*, March, 180.
- Sulak, Lawrence R. *Waiting for the Proton to Decay*, Nov., 616.
- Tape, Walter. *Folds, Pleats, and Halos*, Sept., 467.
- Thomson, Keith Stewart. *Marginalia*, Sept., 529.
- Twidale, C. R. *The Evolution of Bornhardts*, May, 268.
- van der Merwe, Nikolaas. *Carbon Isotopes, Photosynthesis, and Archaeology*, Nov., 596.
- van der Merwe, Nikolaas, & Donald H. Avery. *Pathways to Steel*, March, 146.
- Waid, William M., & Martin T. Orne. *The Physiological Detection of Deception*, July, 402.
- Walker, A. S. *Deserts of China*, July, 366.
- Yuan, Robert, & Daniel L. Hamilton. *Restriction and Modification of DNA by a Complex Protein*, Jan., 61.

## Books Reviewed in 1982

- Abel, E. L. *Marihuana: The First Twelve Thousand Years*, Jan, 98.
- Abell, G. O. *Exploration of the Universe*, 4th ed. Nov, 640.
- Abrahamson, E. W.; Ostroy, S. E., eds. *Molecular Processes in Vision*, May, 320.
- Ader, R., ed. *Psychoneuroimmunology*, May, 322.
- Adler, N. T., ed. *Neuroendocrinology of Reproduction: Physiology and Behavior*, Jan, 86.
- Ailes, C. P.; Rushing, F. W. *The Science Race*, Jul, 438.
- Aitchison, I. J. R.; Hey, A. J. G. *Gauge Theories in Particle Physics: A Practical Introduction*, Nov, 639.
- Alexander, R. D.; Tinkle, D. W., eds. *Natural Selection and Social Behavior: Recent Research and New Theory*, Sep, 541.
- Allen, K. R. *Conservation and Management of Whales*, Sep, 533.
- Altura, B. M.; Saba, T. M., eds. *Pathophysiology of the Reticuloendothelial System*, Jul, 425.
- American Council of Learned Societies *Concise Dictionary of Scientific Biography*, May, 334.
- Ames, B.; Infante, P.; Reitz, R., eds. *Ethylene Dichloride: A Potential Health Risk?* Jan, 85.
- Ashburner, M.; Wright, T. R. F., eds. *The Genetics and Biology of Drosophila*, Volume 2d, May, 307.
- Atkin, R. J.; Fox, N. *An Introduction to the Theory of Elasticity*, Jan, 96.
- Ayala, F. J. *Population and Evolutionary Genetics: A Primer*, Sep, 541.
- Bailey, P. S. *Ozonation in Organic Chemistry, Volume 1: Olefinic Compounds*, Sep, 537.
- Baldock, G. R.; Bridgeman, T. *Mathematical Theory of Wave Motion*, Jan, 90.
- Baldwin, J. D.; Baldwin, J. I. *Beyond Sociobiology*, Nov, 647.
- Balje, O. E. *Turbomachines: A Guide to Design, Selection and Theory*, Mar, 230.
- Bambakidis, G., ed. *Metal Hydrides*, Nov, 642.
- Banerji, B. K. *Toward Quiescence and Immortality*, Jan, 99.
- Barigozzi, C., ed. *Vito Volterra Symposium on Mathematical Models in Biology*, Mar, 220.
- Barlow, G. W.; Silverberg, J., eds. *Sociobiology: Beyond Nature/Nurture? Reports, Definitions, and Debate*, Sep, 541.
- Barr, A.; Feigenbaum, E. A., eds. *The Handbook of Artificial Intelligence*, Vol. 1, Jan, 89.
- Barrett, G. W.; Rosenberg, R., eds. *Stress Effects on Natural Ecosystems*, Nov, 648.
- Barry, J. D. *Ball Lightning and Bead Lightning: Extreme Forms of Atmospheric Electricity*, Sep, 535.
- Bateson, P. P. G.; Klopfer, P. H., eds. *Perspectives in Ethology. Vol. 4: Advantages of Diversity*, Jul, 410.
- Beck, B. F., ed. *Speleology Proceedings of the Eighth International Congress of Speleology*, May, 307.
- Begon, M.; Mortimer, M. *Population Ecology: A Unified Study of Animals and Plants*, Sep, 539.
- Bergles, A. E.; Ishigai, S., eds. *Two-Phase Flow Dynamics: Japan-US Seminar 1979*, May, 333.
- Bergmann, P. G.; DeSabbata, V., eds. *Cosmology and Gravitation: Spin, Torsion, Rotation and Supergravity*, Mar, 211.
- Berliner, L. J.; Reuben, J., eds. *Biological Magnetic Resonance*, Vol. 2, Mar, 222.
- Berstein, L. R. *Minerals of the Washington, D.C., Area*, Sep, 539.
- Bezborovainy, A. *Biochemistry of Nonheme Iron*, May, 324.
- Binford, L. R. *Bones: Ancient Men and Modern Myths*, May, 326.
- Birks, H. J. B.; Birks, H. H. *Quaternary Paleocology*, Mar, 226.
- Block, N., ed. *Imagery*, Jul, 430.
- Bloemendal, H., ed. *Molecular and Cellular Biology of the Eye Lens*, Jul, 425.
- Blum, K. *Density Matrix Theory and Applications*, Jul, 415.
- Blum, M. S. *Chemical Defenses of Arthropods*, Nov, 650.
- Bockris, J. O'M., et al., eds. *Electrochemical Energy Conversion and Storage*, Jul, 433.
- Bockris, J. O'M.; et al., eds. *Electrochemical Processing*, May, 333.
- Bodwell, C.; Adkins, J.; Hopkins, D. *Protein Quality in Humans: Assessment and In Vitro Estimation*, May, 323.
- Bogoliubov, N. N.; Shirkov, D. V. *Introduction to the Theory of Quantized Fields*, 3rd ed., Mar, 211.
- Bona, C. A. *Idiotypes and Lymphocytes*, Jul, 424.
- Boucot, A. J. *Principles of Benthic Marine Paleocology*, Nov, 648.
- Bova, B. *The High Road*, Mar, 212.
- Bowen, J. R., et al., eds. *Combustion in Reactive Systems*, Jul, 434.
- Bowen, J. R., et al., eds. *Gasdynamics of Detonations and Explosions*, Jul, 434.
- Brady, N. C., ed. *Advances in Agronomy*, Vol. 34, Nov, 646.
- Brain, C. K. *The Hunters or the Hunted? An Introduction to African Cave Taphonomy*, Jul, 429.
- Brain, J. P. *Tunica Treasure*, May, 326.
- Brandt, J. C.; Chapman, R. D. *Introduction to Comets*, Nov, 643.
- Braunstein, H. M.; Copenhaver, E. D.; Pfuderer, H. A., eds. *Environmental, Health, and Control Aspects of Coal Conversion: An Informational Overview*, Vols. 1 & 2, Sep, 550.
- Brekhovskikh, L. M. *Waves in Layered Media*, 2nd ed., Jan, 94.
- Brevard, C.; Granger, P. *Handbook of High Resolution Multinuclear NMR*, Sep, 537.
- Bruce, A. D.; Cowley, R. A. *Structural Phase Transformations*, Sep, 534.
- Bruce-Chwatt, L. J.; de Zulueta, J. *The Rise and Fall of Malaria in Europe*, Jan, 98.
- Bube, R. H. *Electrons in Solids: An Introductory Survey*, Jul, 436.
- Budel, J. *Climatic Geomorphology*, Nov, 642.
- Buhler, W. K. *Gauss: A Biographical Study*, Jan, 97.
- Burbidge, G.; Hewitt, A., eds. *Telescopes for the 1980s*, May, 311.
- Burghes, D. N.; Borrie, M. S. *Modeling with Differential Equations*, Jul, 432.
- Burnstock, G., ed. *Purinergic Receptors*, Mar, 224.
- Busch, H., ed. *The Cell Nucleus*, Vol. 8: *Nuclear Particles*, Part A, Jan, 84.
- Busch, H., ed. *Nuclear Particles*, Part B, Nov, 653.
- Butler, E. W.; Pick, J. B. *Geothermal Energy Development: Problems and Prospects in the Imperial Valley of California*, Sep, 539.
- Cairns, J., Jr., ed. *Artificial Substrates*, Jul, 421.
- Calabrese, E. J. *Nutritional and Environmental Health*, Vol. 2, Jan, 85.
- Calingaert, P. *Operating System Elements: A User Perspective*, Mar, 230.
- Caplan, A. L.; Engelhardt, H. T., Jr.; McCartney, J. J., eds. *Concepts of Health and Disease: Interdisciplinary Perspectives*, May, 322.
- Carlile, M.; Collins, J.; Moseley, B., eds. *Molecular and Cellular Aspects of Microbial Evolution*, Jul, 424.
- Carpenter, D. O., ed. *Cellular Pacemakers, Vol. 2: Function in Normal and Disease States*, Jul, 428.
- Carpenter, D. O., ed. *Cellular Pacemakers, Vol. 1: Mechanisms of Pacemaker Generation*, Nov, 653.
- Carr, M. H. *The Surface of Mars*, Mar, 214.
- Cassidy, R. *Margaret Mead: A Voice for the Century*, Nov, 659.
- Caudano, R.; Gilles, J.-M.; Lucas, A. A., eds. *Vibrations of Surfaces*, Sep, 536.
- Chaleff, R. S. *Genetics of Higher Plants: Applications of Cell Culture*, Mar, 210.
- Chapman, V. J.; Chapman, D. J. *Seaweeds and Their Uses*, 3rd ed., May, 319.
- Cheney, M. *Tesla: Man Out of Time*, Mar, 231.
- Cheremisinoff, N. P. *Cooling Towers: Selection, Design, and Practice*, Jul, 436.
- Cherry, K. F. *Plating Waste Treatment*, Nov, 659.
- Cheung, W. Y., ed. *Calcium and Cell Function*, Vol. 1: *Calmodulin*, May, 325.
- Childress, S., ed. *Some Mathematical Questions in Biology*, Sep, 540.
- Churchhouse, R. F., ed. *Numerical Methods*, Sep, 547.
- Churchill, S. W. *The Practical Use of Theory in Fluid Flow*, Book 1: *Inertial Flows*, May, 332.
- Clayton, R. K. *Photosynthesis: Physical Mechanisms and Chemical Patterns*, Mar, 217.
- Clemens, C. H. *A Scrapbook of Complex Curve Theory*, Mar, 228.
- Cobanis, P.-J.-G.; Mora, G., eds. *On the Relations between the Physical and Moral Aspects of Man*, Vols. 1 & 2, Sep, 545.
- Cohen, I. B. *The Newtonian Revolution*, Jan, 97.
- Cohn, P. M. *Universal Algebra*, 2nd ed., May, 329.
- Cole, G. T.; Kendrick, B., eds. *Biology of Conidial Fungi*, May, 318.
- Cole, P., ed. *Radical Pragmatics*, May, 327.
- Conklin, H. C. *Ethnographic Atlas of Ifugao: A Study of Environment, Culture, and Society in Northern Luzon*, Nov, 657.
- Cook, A. H. *Interiors of the Planets*, May, 312.
- Cooper, J. E.; Jackson, O. F., eds. *Diseases of the Reptilia*, Vols. 1 & 2, Nov, 652.
- Cordy, R. H. *A Study of Prehistoric Social Change: The Development of Complex Societies in the Hawaiian Islands*, Sep, 545.
- Costa, J. E.; Baker, V. R. *Surficial Geology: Building with the Earth*, Jan, 80.
- Cowan, W. M. *Developmental Neurobiology: Essays in Honor of Viktor Hamburger*, May, 321.
- Cracknell, A. P., ed. *Remote Sensing in Meteorology, Oceanography and Hydrology*, May, 316.
- Craig, J. R.; Vaughan, D. J. *Ore Microscopy and Ore Petrography*, Jul, 416.
- Crass, M. F., III; Barnes, C. D., eds. *Vascular Smooth Muscle: Metabolic, Ionic, and Contractile Mechanisms*, Sep, 543.
- Craven, B. D. *Functions of Several Variables*, Nov, 658.
- Crawford, R. L. *Lignin Biodegradation and Transformation*, Jan, 82.
- Crick, F. *Life Itself: Its Origin and Nature*, Mar, 231.

- Crooke, S. T.; Prestayko, A. W., eds. *Cancer and Chemotherapy*, Vol. 3: *Antineoplastic Agents*, Mar, 220.
- Crooke, S. T.; Prestayko, A. W., eds. *Cancer and Chemotherapy*, Vol. 2: *Introduction to Clinical Oncology*, May, 321.
- Cutright, P. R.; Brodhead, M. J. *Elliott Coues: Naturalist and Frontier Historian*, Jan, 96.
- Dabberdt, W. F. *Weather for Outdoorsmen*, May, 315.
- Daiber, F. C. *Animals of the Tidal Marsh*, Jul, 421.
- Dash, J. G.; Ruvalds, J., eds. *Phase Transitions in Surface Films*, Jul, 412.
- David, H. A. *Order Statistics*, 2nd ed., Jul, 431.
- Dawes, C. J. *Marine Botany*, May, 319.
- Degiorio, V.; Corti, M.; Giglio, M., eds. *Light Scattering in Liquids and Macromolecular Solutions*, Jan, 78.
- DeLuca, M. A.; McElroy, W. D., eds. *Bioluminescence and Chemiluminescence: Basic Chemistry and Analytical Applications*, Mar, 223.
- Deregowski, J. B. *Illusions, Patterns and Pictures: A Cross-Cultured Perspective*, Mar, 227.
- DeRobertis, E. D. P.; DeRobertis, E. M. F., Jr. *Essentials of Cell and Molecular Biology*, Nov, 652.
- Dillon, L. S. *Ultrastructure, Macromolecules, and Evolution*, Nov, 652.
- Dixon, A. F. *The Natural History of the Gorilla*, May, 316.
- Dodd, R. T. *Meteorites: A Petrologic-Chemical Synthesis*, May, 314.
- Dowben, R. M.; Shay, J. W., eds. *Cell and Muscle Motility*, Vol. 1, Mar, 224.
- Dowben, R. M.; Shay, J. W., eds. *Cell and Muscle Motility*, Vol. 2, Sep, 543.
- Draper, N. R.; Smith, H. *Applied Regression Analysis*, 2nd ed. Sep, 547.
- Drew, T. B., et al., eds. *Advances in Chemical Engineering*, Vol. 11, Jul, 433.
- Dubois, D.; Prade, H. *Fuzzy Sets and Systems: Theory and Applications*, Jan, 91.
- Duffie, J. A.; Beckman, W. A. *Solar Engineering of Thermal Processes*, Sep, 549.
- Eden, R.; et al. *Energy Economics: Growth, Resources, and Policies*, Mar, 213.
- Elimov, N. V. *Higher Geometry*, May, 328.
- Ehrlich, P.; Ehrlich, A. *Extinction*, Jan, 82.
- Eliseeva, V. I., et al. *Emulsion Polymerization and its Applications in Industry*, Sep, 549.
- Elliott, M. A., ed. *Chemistry of Coal Utilization*, Supplementary Vol. 2, May, 333.
- Emrich, R. J., ed. *Fluid Dynamics*, Jul, 435.
- Ernst, W. G., ed. *The Geotectonic Development of California*, Mar, 214.
- Essman, W. B.; Valzelli, L., eds. *Current Developments in Psychopharmacology*, Vol. 6, Sep, 543.
- Fischer, H. B., ed. *Transport Models for Inland and Coastal Waters*, Jul, 418.
- Fischhoff, B., et al. *Acceptable Risk*, Sep, 546.
- Fisher, S. S., ed. *Rarefied Gas Dynamics*, Parts 1 & 2, Nov, 659.
- Foelix, R. F. *Biology of Spiders*, Nov, 650.
- Foster, H. L.; Small, J. D.; Fox, J. G., eds. *The Mouse in Biomedical Research*, Vol. 1: *History, Genetics, and Wild Mice*, Mar, 219.
- Fowler, C. W.; Smith, T. D., eds. *Dynamics of Large Mammal Populations*, May, 316.
- Frank, R. G., Jr. *Harvey and the Oxford Physiologists*, Jan, 78.
- Frazier, K. *Our Turbulent Sun*, Sep, 538.
- Freeman, F. R. *Organic Mental Disease*, Jan, 85.
- Frey, K. J., ed. *Plant Breeding 2*, Sep, 540.
- Friedman, J. B. *The Monstrous Races in Medieval Art and Thought*, Sep, 533.
- Friedmann, H. C., ed. *Enzymes*, May, 324.
- Gabbay, D. M. *Semantical Investigations in Heyting's Intuitionistic Logic*, May, 328.
- Garner, L. E. *An Outline of Projective Geometry*, Jan, 90.
- Garnett, J. B. *Bounded Analytic Functions*, Jul, 431.
- Gaugas, J. M., ed. *Polyamines in Biomedical Research*, Mar, 225.
- Gaukroger, S., ed. *Descartes: Philosophy, Mathematics and Physics*, Jan, 98.
- Gauthier-Pilters, H.; Dagg, A. I. *The Camel: Its Evolution, Ecology, Behavior, and Relationship to Man*, Jul, 423.
- Gelboin, H. V.; Ts'o, P. O. P., eds. *Polycyclic Hydrocarbons and Cancer*, Vol. 3, Jul, 426.
- Gershwin, M. E.; Merchant, B., eds. *Immunologic Defects in Laboratory Animals*, Vol. 1, Mar, 219.
- Gershwin, M. E.; Merchant, B., eds. *Immunologic Defects in Laboratory Animals 2*, May, 322.
- Gilbert, D. L., ed. *Oxygen and Living Processes: An Interdisciplinary Approach*, May, 324.
- Gilmore, D.; Cook, B., eds. *Environmental Factors in Mammal Reproduction*, Jul, 422.
- Gilmore, R. *Catastrophe Theory for Scientists and Engineers*, Mar, 210.
- Gitterman, M.; Halpern, V. *Qualitative Analysis of Physical Problems*, Mar, 214.
- Glimm, J.; Jaffe, A. *Quantum Physics: A Functional Integral Point of View*, Jul, 414.
- Golany, G., ed. *Housing in Arid Lands: Design and Planning*, Jan, 90.
- Goldstein, J. I., et al. *Scanning Electron Microscopy and X-Ray Microanalysis*, Jul, 432.
- Gorsline, G. W. *Computer Organization: Hardware/Software*, Jul, 433.
- Gould, G. W.; Corry, J. E. L., eds. *Microbial Growth and Survival in Extremes of Environment*, Jan, 82.
- Gould, P. L.; Abu-sitta, S. H. *Dynamic Response of Structures to Wind and Earthquake Loading*, Jan, 91.
- Gould, R. A.; Schiffer, M. B., eds. *Modern Material Culture: The Archaeology of Us*, Sep, 544.
- Gould, S. J. *The Mismeasure of Man*, Mar, 208.
- Gower, J. F. R., ed. *Oceanography from Space*, Jul, 416.
- Graham, C. E., ed. *Reproductive Biology of the Great Apes*, Jul, 422.
- Graham, L. R. *Between Science and Values*, May, 308.
- Graham, R. L. *Rudiments of Ramsey Theory*, Sep, 546.
- Grant, E. *Much Ado About Nothing: Theories of Space and Vacuum from the Middle Ages to the Scientific Revolution*, Jan, 99.
- Grant, V. *Plant Speciation*, 2nd ed., Jul, 422.
- Grattan-Guinness, I., ed. *From the Calculus to Set Theory, 1630-1910: An Introductory History*, Jul, 436.
- Green, E. L. *Genetics and Probability in Animal Breeding Experiments*, Mar, 218.
- Greenland, D. J., ed. *Characterization of Soils in Relation to Their Classification and Management for Crop Production: Examples from Some Areas of the Humid Tropics*, Mar, 215.
- Gregory, J. *Quadratic Form Theory and Differential Equations*, Jan, 89.
- Gregory, K. J.; Walling, D. E., eds. *Man and Environmental Processes: a Physical Geography Perspective*, Jan, 81.
- Gribbin, J. *Future Worlds*, May, 308.
- Griffel, D. H. *Applied Functional Analysis*, Sep, 547.
- Griffin, D. H. *Fungal Physiology*, Nov, 646.
- Griffiths, D. J. *Introduction to Electrodynamics*, Jan, 79.
- Griffiths, R. F., ed. *Dealing with Risks: The Planning, Management and Acceptability of Technological Risk*, Jan, 92.
- Grum, F.; Bartleson, C. J., eds. *Optical Radiation Measurements, Volume 2: Color Measurement*, Jan, 89.
- Guggenheim, K. Y. *Nutrition and Nutritional Diseases: The Evolution of Concepts*, Jan, 98.
- Guilasu, S.; Malitza, M. *Coalition and Connection in Games: Problems of Modern Game Theory Using Methods Belonging to Systems Theory and Information Theory*, Jan, 89.
- Guimaraes, W. O. N.; Lin, C.-T.; Mooradian, A., eds. *Lasers and Applications*, Mar, 212.
- Gurtin, M. E. *An Introduction to Continuum Mechanics*, Sep, 536.
- Gustafson, K. E.; Reinhardt, W. P., eds. *Quantum Mechanics in Mathematics Chemistry, and Physics*, Nov, 638.
- Guthrie, D. M. *Neuroethology: An Introduction*, May, 320.
- Hagedorn, P. *Non-Linear Oscillations*, Mar, 229.
- Hall, D. O.; Palz, W., eds. *Photochemical, photoelectrochemical and photobiological processes*, Sep, 548.
- Hall, E. R. *The Mammals of North America*, Vols. 1 & 2, 2nd ed., May, 317.
- Hall, P.; Heyde, C. C. *Martingale Limit Theory and Its Application*, May, 328.
- Haller, J. S., Jr. *American Medicine in Transition, 1840-1910*, Jul, 437.
- Hameka, H. F. *Quantum Mechanics*, Nov, 638.
- Hames, B. D.; Rickwood, D., eds. *Gel Electrophoresis of Proteins: A Practical Approach*, Nov, 653.
- Hammen, C. S. *Marine Invertebrates: Comparative Physiology*, Jul, 420.
- Hanes, H. D.; Seifert, D. A.; Watts, C. R. *Hot Isostatic Processing*, Jan, 96.
- Hanson, W. C., ed. *Transuranic Elements in the Environment*, Jan, 81.
- Harding, R. S. O.; Teleki, G., eds. *Omnivorous Primates: Gathering and Hunting in Human Evolution*, Sep, 532.
- Harman, R. T. C. *Gas Turbine Engineering: Applications, Cycles and Characteristics*, May, 332.
- Harris, C. L. *Evolution: Genesis and Revelations: With Readings from Empedocles to Wilson*, Jul, 438.
- Harrison, R. J.; Holmes, R. L., eds. *Progress in Anatomy*, Vol. 1, Mar, 221.
- Hartl, D. L. *A Primer of Population Genetics*, Jan, 84.
- Hartmann, H. T., et al. *Plant Science: Growth, Development, and Utilization of Cultivated Plants*, May, 318.
- Harvey, A. M. *Science at the Bedside: Clinical Research in American Medicine, 1905-1945*, May, 334.
- Harvey, J. H., ed. *Cognition, Social Behavior, and the Environment*, Nov, 657.
- Hassan, F. A. *Demographic Archaeology*, Jan, 88.
- Hawking, S. W.; Rocek, M., eds. *Superspace and Supergravity*, Nov, 641.
- Hayat, M. A. *Fixation for Electron Microscopy*, Nov, 655.
- Heidmann, J. *Extragalactic Adventure: Our Strange Universe*, Nov, 640.

- Heilbrun, Alfred B., Jr. *Human Sex-Role Behavior*, Jul, 429.
- Heimer, L.; Robards, M. J., eds. *Neuroanatomical Tract-Tracing Methods*, May, 323.
- Heller, M. *Encountering the Universe*, Sep, 537.
- Henley, S. *Nonparametric Geostatistics*, May, 315.
- Hesse, M. *Revolutions and Reconstructions in the Philosophy of Science*, Jan, 100.
- Hinchliffe, J. R.; Johnson, D. R. *The Development of the Vertebrate Limb*, May, 308.
- Hirschel, E. H.; Kordulla, W. *Shear Flow in Surface-Oriented Coordinates*, Sep, 548.
- Hirshfeld, A.; Sinnott, R. W., eds. *Sky Catalogue 2000.0, Vol. 1: Stars to Magnitude 8.0*, May, 313.
- Hofstadter, D. R.; Dennett, D. C., eds. *The Mind's I: Fantasies and Reflections on Self & Soul*, Sep, 546.
- Homburger, H. A.; Batsakis, J. G., eds. *Clinical Laboratory Annual: Nineteen Eighty-Two*, Nov, 654.
- Hrdy, S. B. *The Woman That Never Evolved*, May, 306.
- Huber, P. J. *Robust Statistics*, May, 327.
- Hunt, V. D. *Handbook of Energy Technology: Trends and Perspectives*, Sep, 549.
- Hurvich, L. M. *Color Vision*, Mar, 222.
- Ingle, D. J.; Goodale, M. A.; Mansfield, R. J. W., eds. *Analysis of Visual Behavior*, Nov, 655.
- Jacob, F. *The Possible and the Actual*, Nov, 637.
- Jacobs, B. L.; Gelperin, A., eds. *Serotonin Neurotransmission and Behavior*, Jan, 85.
- Jacobs, G. H. *Comparative Color Vision*, Jul, 430.
- Jacobs, S.; Cuatrecasas, P., eds. *Membrane Receptors: Methods for Purification and Characterization*, May, 321.
- Jaklovsky, J., ed. *Preparation of Nuclear Targets for Particle Accelerators*, May, 311.
- Japan National Committee for Theoretical and Applied Mechanics, Science Counsel of Japan *Theoretical and Applied Mechanics*, Vol. 29, Jan, 96.
- Jardetzky, O.; Roberts, G. C. K. *NMR in Molecular Biology*, Sep, 542.
- Jarvik, E. *Basic Structure and Evolution of Vertebrates*, Nov, 635.
- Jastrow, R. *The Enchanted Loom. Mind in the Universe*, Jul, 412.
- Jefferys, W. H.; Robbins, R. R. *Discovering Astronomy*, May, 312.
- Jenkins, A. D., ed. *Progress in Polymer Science*, Vol. 6, Jan, 93.
- Jones, N. V.; Wolff, W. J., eds. *Feeding and Survival Strategies of Estuarine Organisms*, Jul, 420.
- Kahri, W. L. *Water and Power: The Conflict Over Los Angeles' Water Supply in the Owens Valley*, Nov, 635.
- Kandel, E. R.; Schwartz, J. H., eds. *Principles of Neural Science*, Jan, 86.
- Kathren, R. L.; Ziemer, P. L., eds. *Health Physics: A Backward Glance*, Mar, 220.
- Katz, I. *Stigma: A Social Psychological Analysis*, Mar, 226.
- Kauffman, G. B. *Inorganic Coordination Compounds*, Nov, 641.
- Kay, D. C.; Breen, M., eds. *Convexity and Related Combinatorial Geometry: Proceedings of the Second University of Oklahoma Conference*, Nov, 658.
- Kaye, S. M. *Encyclopedia of Explosives and Related Items*, Jan, 94.
- Kealey, E. J. *Medieval Medicus: A Social History of Anglo-Norman Medicine*, Jul, 438.
- Kelso, J. A. S.; Clark, J. E., eds. *The Development of Movement and Control and Co-ordination*, Nov, 656.
- Kent, P. *Minerals from the Marine Environment*, Jul, 416.
- Kernan, R. P. *Cell Potassium*, Jul, 425.
- Ketchum, B.; Kester, D.; Park, P., eds. *Ocean Dumping of Industrial Wastes*, Jul, 418.
- Kinderlehrer, D.; Stampacchia, G. *An Introduction to Variation Inequalities and their Applications*, May, 328.
- King, L. S. *Medical Thinking: A Historical Preface*, Nov, 654.
- Kingman, J. F. C. *Mathematics of Genetic Diversity*, Mar, 219.
- Kirk, R. L. *Aboriginal Man Adapting: The Human Biology of Australian Aborigines*, Mar, 226.
- Kleppner, D.; Pipkin, F. M., eds. *Atomic Physics 7*, May, 310.
- Klos, H.-G.; Lang, E. M., eds. *Handbook of Zoo Medicine*, May, 317.
- Kottogoda, N. T. *Stochastic Water Resources Technology*, May, 331.
- Kramer, D., et al. *Exact Solutions of Einstein's Field Equations*, Jul, 414.
- Krasnov, M. L., et al. *A Book of Problems in Ordinary Differential Equations*, May, 329.
- Krause, F.; Radler, K. H. *Mean-Field Magnetohydrodynamics and Dynamo Theory*, Jan, 79.
- Krebs, H. Otto Warburg: *Cell Physiologist, Biochemist, and Eccentric*, Jul, 438.
- Krebs, H. *Reminiscences and Reflections*, Nov, 637.
- Krebs, J. R.; Davies, N. B. *An Introduction to Behavioural Ecology*, Mar, 217.
- Kreider, J. F.; Kreith, F. *Solar Heating and Cooling: Active and Passive Design*, 2nd ed. Sep, 549.
- Kubovy, M.; Pomerantz, J. R., eds. *Perceptual Organization*, Jan, 87.
- Kunkel, H. G.; Dixon, F. J., eds. *Advances in Immunology*, Vol. 31, Jul, 427.
- Kurstak, E.; Kurstak, C., eds. *Comparative Diagnosis of Viral Diseases*, Jul, 426.
- Kurylo, F.; Susskind, C. *Ferdinand Braun: A Life of the Nobel Prizewinner*, Jul, 439.
- Lackey, R. T.; Nielsen, L. A., eds. *Fisheries Management*, Jul, 421.
- Laevastu, T.; Larkins, H. A. *Marine Fisheries Ecosystem: Its Quantitative Evaluation and Management*, Nov, 649.
- Laird, M., ed. *Blackflies: The Future for Biological Methods in Integrated Control*, Nov, 651.
- Lall, J. S., ed. *The Himalaya: Aspects of Change*, Mar, 216.
- Lamb, G. L., Jr. *Elements of Soliton Theory*, May, 327.
- Landsberg, H. E. *The Urban Climate*, May, 314.
- Larsen, J. A. *The Boreal Ecosystem*, Jan, 83.
- Lawson, R. D. *Theory of the Nuclear Shell Model*, Mar, 212.
- Leakey, R. E. *The Making of Mankind*, Jan, 77.
- Learner, R. *Astronomy through the Telescope*, Sep, 538.
- Lehmann, U. *The Ammonites: Their Life and Their World*, Nov, 650.
- Leitman, G. *The Calculus of Variations and Optimal Control: An Introduction*, Jul, 432.
- Leontovich, M. A., ed. *Reviews of Plasma Physics*, Vol. 8, May, 309.
- Leslie, W. C. *The Physical Metallurgy of Steels*, Jan, 94.
- Levinton, J. S. *Marine Ecology*, Jul, 420.
- Limaye, B. V. *Functional Analysis*, Jan, 90.
- Linell, K. A.; Tedrow, J. C. F. *Soil and Permafrost Surveys in the Arctic*, Jul, 418.
- Liou, K.-N. *An Introduction to Atmospheric Radiation*, Jan, 81.
- Lipsitt, L. P., ed. *Advances in Infancy Research*, Vol. 1, Nov, 656.
- Lloyd, J. W., ed. *Case-Studies in Groundwater Resources Evaluation*, May, 313.
- Lock, M. A.; Williams, D. D., eds. *Perspectives in Running Water Ecology*, Jul, 421.
- Lockard, J. S., ed. *The Evolution of Human Social Behavior*, Sep, 545.
- Lonberg-Holm, K.; Philipson, L., eds. *Virus Receptors, Part 2: Animal Viruses*, Mar, 220.
- Loneragan, J. F., et al., eds. *Copper in Soils and Plants*, May, 317.
- Longair, M. S. *High Energy Astrophysics*, Jul, 412.
- Lorenz, K. *The Foundations of Ethology*, May, 326.
- Lucas, S.; Rigby, J.; Kues, B., eds. *Advances in San Juan Basin Paleontology*, May, 318.
- Luckey, T. D. *Hormesis with Ionizing Radiation*, Jul, 426.
- Lunde, P. J. *Solar Thermal Engineering: Space Heating and Hot Water Systems*, Jul, 434.
- Lynch, H. T., ed. *Genetics and Breast Cancer*, Mar, 221.
- Lynn, M.; Solotovsky, M., eds. *Chemotherapeutic Agents for Bacterial Infections*, May, 320.
- MacDonald, M. *Mystical Bedlam*, Jul, 410.
- Mackay, B. *Introduction to Diagnostic Electron Microscopy*, Mar, 221.
- Manassah, J. T., ed. *Alternative Energy Sources, Parts A and B*, Jan, 92.
- Mandal, A. K.; Bohman, S.-O., eds. *The Renal Papilla and Hypertension*, May, 320.
- Maple, T. L.; Hoff, M. P. *Gorilla Behavior*, May, 316.
- Marchuk, G. I.; Nisevich, N. I., eds. *Mathematical Methods in Clinical Practice*, Jan, 86.
- Marsden, J. E. *Lectures on Geometric Methods in Mathematical Physics*, Sep, 547.
- Martin, J. L. *Basic Quantum Mechanics*, Nov, 638.
- Martinez, J. L., Jr., et al., eds. *Endogenous Peptides and Learning and Memory Processes*, Jul, 428.
- Masters, C. *Homogeneous Transition-Metal Catalysis: A Gentle Art*, Mar, 229.
- Mastroianni, L., Jr.; Biggers, J. D., eds. *Fertilization and Embryonic Development in Vitro*, May, 324.
- Matthess, G. *The Properties of Groundwater*, Jul, 418.
- McCormach, R. *Night Thoughts of a Classical Physicist*, Jul, 438.
- McElhinny, M. W., et al., eds. *Global Reconstruction and the Geomagnetic Field during the Palaeozoic*, May, 314.
- McGinnies, W. G. *Discovering the Desert: Legacy of the Carnegie Desert Botanical Laboratory*, Mar, 218.
- McGonagale, W. J., ed. *International Advances in Nondestructive Testing*, Vol. 7, May, 310.
- McKay, R.; Raff, M. C.; Reichardt, L. F., eds. *Monoclonal Antibodies to Neural Antigens*, Mar, 224.
- McPhee, J. *Basin and Range*, Nov, 643.
- Meehan, R. L. *Getting Sued and Other Tales of the Engineering Life*, Mar, 232.
- Meirovitch, L. *Computational Methods in Structural Dynamics*, Jan, 95.
- Menaker, E. *Otto Rank: A Rediscovered Legacy*, Nov, 659.
- Meyer, R. E., ed. *Transition and Turbulence*, Jul, 435.



- Meyers, M. A.; Murr, L. E., eds. *Shock Waves and High-Strain-Rate Phenomena in Metals: Concepts and Applications*, Mar, 229.
- Michaels, C. F.; Carello, C. *Direct Perception*, Mar, 227.
- Milgrom, F.; Abeyounis, C. J.; Kano, K., eds. *Principles of Immunological Diagnosis in Medicine*, Mar, 221.
- Milkman, R., ed. *Perspectives on Evolution*, Nov, 647.
- Miller, D. H. *Energy at the Surface of the Earth: An Introduction to the Energetics of Ecosystems*, Jan, 91.
- Mitchell, G. *Human Sex Differences: A Primateologist's Perspective*, Jul, 429.
- Monzingo, R. A.; Miller, T. W. *Introduction to Adaptive Arrays*, Jan, 95.
- Moore, C. B., ed. *Chemical and Biochemical Applications of Lasers*, Vol. 5, Jan, 96.
- Moore, J. W.; Pearson, R. G. *Kinetics and Mechanism*, 3rd ed. Sep, 536.
- Morgane, P. J.; Panksepp, J., eds. *Behavioral Studies of the Hypothalamus*, May, 325.
- Morris, I., ed. *The Physiological Ecology of Phytoplankton*, Jul, 422.
- Morse, D. H. *Behavioral Mechanisms in Ecology*, May, 325.
- Muehlberger, W. R.; Muehlberger, S. *Espanola, Chama, Taos: A Climb through Time*, Nov, 644.
- Muller-Pfeiffer, E. *Spectral Theory of Ordinary Differential Operators*, Mar, 228.
- Mulvey, J. H., ed. *The Nature of Matter*, Sep, 534.
- Nahmias, A. J.; O'Reilly, R. J., eds. *Immunology of Human Infection*, Part I, May, 322.
- Naiman, R. J.; Soltz, D. L., eds. *Fishes in North American Deserts*, Mar, 216.
- Nairn, A. E. M.; Churkin, M., Jr.; Stehli, F. G., eds. *The Ocean Basins and Margins*, Vol. 5: *The Arctic Ocean*, Mar, 214.
- Nalimov, V. V. *Faces of Science*, Jul, 437.
- National Research Council *Marine Invertebrates: Laboratory Animal Management*, May, 319.
- National Research Council *Mineral Resources: Genetic Understanding for Practical Applications*, Jul, 411.
- Nayfeh, A. H. *Introduction to Perturbation Techniques*, Jul, 435.
- Neale, J.; Flenley, J., eds. *The Quaternary in Britain*, Jul, 415.
- Ne'eman, Y., ed. *To Fulfill A Vision: Jerusalem Einstein Centennial Symposium on Gauge Theories and Unification of Physical Forces*, Mar, 213.
- Negele, J. W.; Vogt, E., eds. *Advances in Nuclear Physics*, Vol. 12, Nov, 640.
- Nemat-Nasser, S., ed. *Mechanics Today*, Vol. 6, May, 332.
- Neuburger, M. *The Historical Development of Experimental Brain and Spinal Cord Physiology*, Jul, 437.
- Neumann, H.-J.; Paczynska-Lahme, B.; Severin, D. *Composition and Properties of Petroleum*, Jul, 416.
- Nicolson, I. *Gravity, Black Holes, and the Universe*, May, 312.
- Nordlund, D. A.; Jones, R. L.; Lewis, W. J., eds. *Semiochemicals: Their Role in Pest Control*, Mar, 218.
- Norman, D. A., ed. *Perspectives on Cognitive Science*, Jul, 430.
- Nriagu, J. O., ed. *Cadmium in the Environment, Part 2: Health Effects*, Sep, 542.
- O'Leary, B. *The Fertile Stars*, May, 311.
- Olson, G. W. *Soils and the Environment: A Guide to Soil Surveys and Their Applications*, Jul, 417.
- Orians, G. H. *Some Adaptations of Marsh-Nesting Blackbirds*, May, 319.
- Orrall, F. Q., ed. *Solar Active Regions. A Monograph from Skylab Solar Workshop 3*, May, 312.
- Orton, C. G., ed. *Progress in Medical Radiation Physics*, Vol. 1, Sep, 542.
- Oshima, K.; Mishima, Y.; Ando, Y., eds. *Nuclear Engineering for an Uncertain Future*, Jul, 434.
- Pai, S.-I. *Modern Fluid Mechanics*, May, 332.
- Paine, D. P. *Aerial Photography and Image Interpretation for Resource Management*, Jul, 417.
- Payne, W. J. *Denitrification*, Jul, 419.
- Pearce, R.; Patterson, W. R., eds. *Catalysis and Chemical Processes*, Sep, 548.
- Peebles, P. J. E. *The Large-Scale Structure of the Universe*, May, 306.
- Perlmutter, A., ed. *Gauge Theories, Massive Neutrinos, and Proton Decay*, May, 310.
- Perrin, D. D.; Dempsey, B.; Serjeant, E. *pK<sub>a</sub> Prediction for Organic Acids and Bases*, Jul, 415.
- Phillips, W. A., ed. *Amorphous Solids: Low-Temperature Properties*, May, 331.
- Pierce, A. D. *Acoustics: An Introduction to Its Physical Principles and Applications*, Jan, 93.
- Powell, R. A. *The Fisher: Life History, Ecology, and Behavior*, Nov, 651.
- Prestayko, A. W., et al., eds. *Nitrosoureas: Current Status and New Developments*, Mar, 220.
- Price, J.; Irvine, D.; Farnham, W., eds. *The Shore Environment*, Vol. 2: *Ecosystems*, Jul, 420.
- Probstein, R. F.; Hicks, R. E. *Synthetic Fuels*, Mar, 209.
- Pruitt, D. G. *Negotiation Behavior*, May, 327.
- Radin, S. H.; Folk, R. T. *Physics for Scientists and Engineers*, Sep, 535.
- Radon, J. C., ed. *Fracture and Fatigue: Elasto-Plasticity, Thin Sheet and Micromechanisms Problems*, Jan, 95.
- Rae, A. I. M. *Quantum Mechanics*, Nov, 638.
- Ramond, P. *Field Theory: A Modern Primer*, Jan, 80.
- Randall, L. L.; Philipson, L., eds. *Virus Receptors*, Part 1: *Bacterial Viruses*, Mar, 220.
- Rao, U. R.; Kasturirangan, K., eds. *The Aryabhata Project*, Jan, 93.
- Rapp, D. *Solar Energy*, Jan, 92.
- Reul, B. H.; Ghista, D. N.; Rau, G., eds. *Perspectives in Biomechanics*, Vol. 1, Parts A and B, May, 331.
- Richardson, D. H. S. *The Biology of Mosses*, Sep, 540.
- Richelle, M.; Lejeune, H., eds. *Time in Animal Behaviour*, Nov, 656.
- Rickayzen, G. *Green's Functions and Condensed Matter*, Jan, 80.
- Riste, T., ed. *Ordering in Strongly Fluctuating Condensed Matter Systems*, Jul, 412.
- Roberts, H. R., ed. *Food Safety*, Jan, 84.
- Rodriguez, F. *Principles of Polymer Systems*, 2nd ed. Nov, 658.
- Roe, S. A. *Matter, Life, and Generation*, May, 334.
- Roger, R. S.; Dewdney, P. E., eds. *Regions of Recent Star Formation*, Sep, 538.
- Rogers, H. J.; Perkins, H. R.; Ward, J. B. *Microbial Cell Walls and Membranes*, Jan, 86.
- Romans, R. C., ed. *Geobotany 2*, Nov, 647.
- Ronan, C. A. *The Practical Astronomer*, Mar, 213.
- Roosevelt, A. C. *Parmana: Prehistoric Maize and Manioc Subsistence Along the Amazon and Orinoco*, Jan, 88.
- Rosner, R. D. *Packet Switching: Tomorrow's Communications Today*, Jul, 433.
- Rosnow, R. L. *Paradigms in Transition: The Methodology of Social Inquiry*, Jan, 88.
- Rothschild, H., ed. *Biocultural Aspects of Disease*, Jul, 427.
- Round, F. E. *The Ecology of Algae*, Nov, 646.
- Rowan-Robinson, M. R. *Cosmology*, 2nd ed., May, 311.
- Ruddon, R. W. *Cancer Biology*, Jul, 427.
- Ruthenberg, H. *Farming Systems in the Tropics*, 3rd ed. Nov, 644.
- Rybach, L.; Muffler, L. P. J., eds. *Geothermal Systems: Principles and Case Histories*, Jan, 81.
- Sato, V. L.; Geftter, M. L., eds. *Cellular Immunology: Selected Readings and Critical Commentary*, Jul, 424.
- Saunders, P. Edward Jenner: *The Cheltenham Years 1795-1823: Being a Chronicle of the Vaccination Campaign*, Sep, 550.
- Scarr, S. *Race, Social Class, and Individual Differences in I.Q.* Sep, 546.
- Schiff, J. A., ed. *On the Origins of Chloroplasts*, Sep, 541.
- Schiller, F. A. *Mobius Strip: Fin-de-Siecle Neuropsychiatry and Paul Mobius*, Sep, 551.
- Schroder, J. *Operator Inequalities*, Mar, 228.
- Schulman, J. D.; Simpson, J. L., eds. *Genetic Diseases in Pregnancy: Maternal Effects and Fetal Outcome*, Jan, 86.
- Seaborg, G. T. *Kennedy, Khrushchev, and the Test Ban*, Nov, 637.
- Searle-Chatterjee, M. *Reversible Sex-Roles: The Special Case of Benares Sweepers*, Jul, 429.
- Septier, A., ed. *Applied Charged Particle Optics*, Mar, 229.
- Shackley, M. *Environmental Archaeology*, Sep, 544.
- Shankar, R. *Principles of Quantum Mechanics*, Mar, 213.
- Sheridan, D. *Desertification of the United States*, Mar, 216.
- Sherrod, P. C. *A Complete Manual of Amateur Astronomy*, Jul, 414.
- Shipman, P. *Life History of a Fossil: An Introduction to Taphonomy and Paleoecology*, Mar, 225.
- Siegla, D. C.; Smith, G. W., eds. *Particulate Carbon: Formation During Combustion*, Sep, 548.
- Silverman, S., ed. *Totems and Teachers: Perspectives on the History of Anthropology*, Jan, 87.
- Simkin, T., et al. *Volcanoes of the World*, May, 315.
- Singer, I. *Bases in Banach Spaces*, 2, Sep, 546.
- Singleton, P.; Sainsbury, D. *Introduction to Bacteria: For Students in the Biological Sciences*, Jul, 424.
- Smith, D. K., et al., eds. *Advances in X-Ray Analysis*, Vol. 24, Mar, 228.
- Smith, L. L. *Cholesterol Autoxidation*, May, 323.
- Snow, D. R., ed. *Foundations of Northeast Archaeology*, Jul, 428.
- Soroko, L. M. *Holography and Coherent Optics*, May, 330.
- Spear, N. E.; Miller, R. R., eds. *Information Processing in Animals: Memory Mechanisms*, Nov, 655.
- Spence, A. P. *Basic Human Anatomy*, Nov, 654.
- Spender, D., ed. *Men's Studies Modified: The Impact of Feminism on the Academic Disciplines*, Jul, 429.
- Sperb, R. *Maximum Principles and Their Applications*, Jul, 431.
- Spiegler, B. K. S.; Laird, A. D. K., eds. *Principles of Desalination*, 2nd ed., Parts

- A & B, Jan, 94.
- Spiller, G. A.; Kay, R. M., eds. *Medical Aspects of Dietary Fiber*, Jan, 84.
- Sposito, G. *The Thermodynamics of Soil Solutions*, May, 314.
- Stanley, S. M. *The New Evolutionary Timetable: Fossils, Genes, and the Origin of Species*, Jan, 77.
- Stebbins, G. L. *Darwin to DNA: Molecules to Humanity*, Sep, 532.
- Steen, L. A., ed. *Mathematics Tomorrow*, Jan, 90.
- Steinberg, G. M.; et al, eds. *Immunology of the Eye. Workshop 1-3*, Mar, 222.
- Stevenson, F. J. *Humus Chemistry: Genesis, Composition, Reactions*, Nov, 642.
- Stuart, D. E.; Gauthier, R. P. *Prehistoric New Mexico: Background for Survey*, Jul, 428.
- Sutherland, D. S., ed. *Igneous Rocks of the British Isles*, Nov, 642.
- Sunyaev, R. A., ed. *Astrophysics and Space Physics Reviews*, Vol. 1, Jul, 413.
- Tanenbaum, A. S. *Computer Networks*, May, 329.
- Temkin, S. *Elements of Acoustics*, Jan, 93.
- The Committee for the Compilation of Materials on Damage Caused by the Atomic Bombs in Hiroshima and Nagasaki: *The Physical, Medical, and Social Effects of the Atomic Bombings Hiroshima and Nagasaki: The Physical, Medical, and Social Effects of the Atomic Bombings*, Mar, 209.
- Therman, E. *Human Chromosomes: Structure, Behavior, Effects*, Mar, 225.
- Thorpe, T., ed. *Plant Tissue Culture: Methods and Applications in Agriculture*, Mar, 210.
- Till, W. C.; Luxon, J. T. *Integrated Circuits: Materials, Devices, and Fabrication*, Jul, 433.
- Timmerhaus, K. D.; Snyder, H. A., eds. *Advances in Cryogenic Engineering*, Vol. 25, Jul, 434.
- Tirion, W. *Sky Atlas 2000.0: Twenty-six Star Charts Covering Both Hemispheres*, May, 313.
- Tisdell, C. A. *Science and Technology Policy: Priorities of Governments*, May, 330.
- Tobey, R. C. *Saving the Prairies: The Life Cycle of the Founding School of American Plant Ecology, 1895-1955*, Sep, 551.
- Tooze, J., ed. *DNA Tumor Viruses: Molecular Biology of Tumor Viruses*, Part 2, 2nd ed., Mar, 224.
- Torraldo di Francia, G. *The Investigation of the Physical World*, Jan, 80.
- Tortora, G. J.; Funke, B. R.; Case, C. L. *Microbiology: An Introduction*, Sep, 543.
- Towe, A. L.; Luschei, E. S., eds. *Motor Coordination*, Jul, 425.
- Trenn, T. J. *Transmutation: Natural and Artificial*, Sep, 534.
- Treusch, J., ed. *Festkörper Probleme 21: Advances in Solid State Physics*, May, 310.
- Trevan, M. D. *Immobilized Enzymes: An Introduction and Applications in Biotechnology*, Jul, 425.
- Tu, A. T., ed. *Survey of Contemporary Toxicology*, Vol. 2, Nov, 654.
- Turner, G. L'E. *Collecting Microscopes*, Jan, 99.
- Turner, G. L'E. *Essays on the History of the Microscope*, May, 335.
- Underhill, A.; Doazan, V., eds. *B Stars With and Without Emission Lines*, Nov, 640.
- Unwin, D. M. *Microclimate Measurement for Ecologists*, Mar, 218.
- Vol. 1: *Symmetry of Crystals, Methods of Structural Crystallography*, Jan, 78.
- Veatch, R. M. *A Theory of Medical Ethics*, Sep, 550.
- Veljkovic, V. *A Theoretical Approach to the Preselection of Carcinogens and Chemical Carcinogenesis*, May, 321.
- Vernberg, F. J.; Vernberg, W. B., eds. *Functional Adaptations of Marine Organisms*, Nov, 649.
- Veziroglu, N., ed. *Solar Energy and Conservatism*, Vols. 1-3, Mar, 230.
- Vincent, J. F. V. *Structural Biomaterials*, Nov, 652.
- Vinnichenko, N. K., et al. *Turbulence in the Free Atmosphere*, 2nd ed., Jul, 435.
- Vogel, S. *Life in Moving Fluids: The Physical Biology of Flow*, Jan, 83.
- Voller, A.; Bartlett, A.; Bidwell, D., eds. *Immunoassays for the 80s*, May, 323.
- Wallace, W. A. *Prelude to Galileo: Essays on Medieval and Sixteenth-Century Thought*, Mar, 231.
- Wallmo, O. C., ed. *Mule and Black-tailed Deer of North America*, Nov, 651.
- Walsh, R. *Towards an Ecology of Brain*, Sep, 542.
- Wang, H. F.; Anderson, M. P. *Introduction to Groundwater Modeling: Finite Difference and Finite Element Methods*, Nov, 644.
- Wang, P. P.; Chang, S. K., eds. *Fuzzy Sets: Theory and Applications to Policy Analysis and Information Systems*, Nov, 658.
- Watson, J. D. *The Double Helix*, Jan, 76.
- Weimer, W. B.; Palermo, D. S., eds. *Cognition and the Symbolic Processes*, Vol. 2, Nov, 657.
- West, F. H. *The Archaeology of Beringia*, Sep, 544.
- Whipple, F. L. *Orbiting the Sun: Planets and Satellites of the Solar System*, Jan, 78.
- White, L. P.; Plaskett, L. G. *Biomass as Fuel*, Jul, 434.
- Whitmore, T. C., ed. *Wallace's Line and Plate Tectonics*, Jul, 419.
- Wilkerson, R. D., ed. *Cardiac Pharmacology*, May, 321.
- Wilkinson, D., ed. *Progress in Particle and Nuclear Physics*, Vol. 7, May, 309.
- Will, C. M. *Theory and Experiment in Gravitational Physics*, Jul, 414.
- Willardson, R. K.; Beer, A. C., eds. *Semiconductors and Semimetals*, Vol. 14: *Lasers, Junctions, Transport*, Mar, 228.
- Williams, M. M. R.; McCormick, N. J., eds. *The Accident at Three Mile Island: Staff Reports to the President's Commission on the Accident at Three Mile Island. Progress in Nuclear Energy*, Jan, 92.
- Williamson, M. *Island Populations*, Jul, 419.
- Wintrobe, M. M., et al. *Clinical Hematology*, 8th ed., Jul, 426.
- Witt, P. N.; Rovner, J. S., eds. *Spider Communication: Mechanisms and Ecological Significance*, Nov, 650.
- Wood, R. K. S., ed. *Active Defense Mechanisms in Plants*, Nov, 646.
- Woodhouse, N. *Geometric Quantization*, Mar, 227.
- Woolf, H., ed. *The Analytic Spirit: Essays in the History of Science*, Mar, 232.
- Yamamura, H. I.; Enna, S. J., eds. *Neurotransmitter Receptors, Part 2: Biogenic Amines*, Mar, 225.
- Yapp, B. *Birds in Medieval Manuscripts*, Nov, 636.
- Yeni-Komishian, G. H.; Kavanagh, J. F.; Ferguson, C. A., eds. *Child Phonology*, Mar, 226.
- Yochelson, E. L., ed. *The Scientific Ideas of G. K. Gilbert*, Jan, 97.
- Yonezawa, F., ed. *Fundamental Physics of Amorphous Semiconductors*, May, 331.
- Young, R. A., ed. *Introduction to Forest Science*, Nov, 645.
- Zassenhaus, H. *Lie Groups, Lie Algebras and Representation Theory*, Jul, 432.
- Zedeck, M. S.; Lipkin, M., eds. *Inhibition of Tumor Induction and Development*, Jul, 427.
- Zichichi, A., ed. *Pointlike Structures Inside and Outside Hadrons*, Nov, 638.
- Ziman, J. *Puzzles, Problems and Enigmas*, May, 334.
- Zucker-Franklin, D., et al. *Atlas of Blood Cells: Function and Pathology*, Vols. 1 & 2, Mar, 222.



